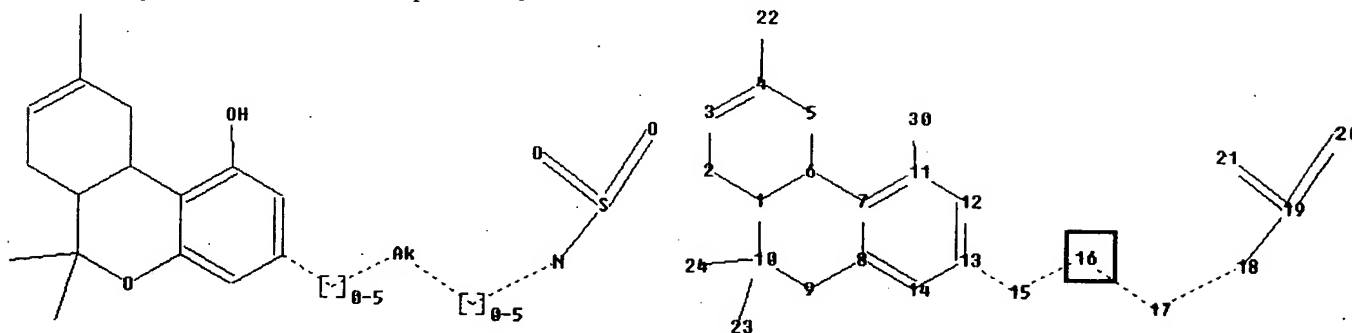FILE 'REGISTRY' ENTERED AT 20:41:36 ON 30 OCT 2006
COPYRIGHT (C) 2006 American Chemical Society (ACS)
=>
Uploading C:\CASNC\STN Express\Queries\757-4.str

chain nodes :
15 16 17 18 19 20 21 22 23 24 30
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14
chain bonds :
4-22 10-23 10-24 11-30 13-15 15-16 16-17 17-18 18-19 19-20 19-21
ring bonds :
1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 7-11 8-9 8-14 9-10 11-12 12-13
13-14
exact/norm bonds :
1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 8-9 9-10 11-30 13-15 15-16 16-17
17-18
18-19 19-20 19-21
exact bonds :
4-22 10-23 10-24
normalized bonds :
7-8 7-11 8-14 11-12 12-13 13-14

Note unspecified bonds in chain

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS
22:CLASS 23:CLASS 24:CLASS 30:CLASS
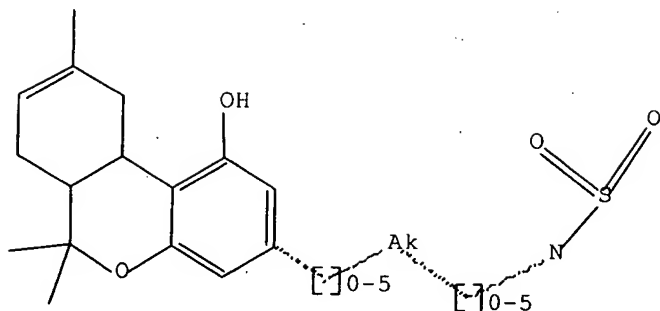Element Count :
Node 16: Limited
    C,Cl-2

L1   STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1   STR

3

Structure attributes must be viewed using STN Express query preparation.

=> **S L1**
SAMPLE SEARCH INITIATED 20:43:01
SAMPLE SCREEN SEARCH COMPLETED -   5 TO ITERATE

100.0% PROCESSED   5 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE   **COMPLETE**
                         BATCH   **COMPLETE**
PROJECTED ITERATIONS: 5 TO   234
PROJECTED ANSWERS: 0 TO   0

L2   0 SEA SSS SAM L1

=> **S L1 FULL**
FULL SEARCH INITIATED 20:43:06
FULL SCREEN SEARCH COMPLETED -   108 TO ITERATE

100.0% PROCESSED   108 ITERATIONS   9 ANSWERS
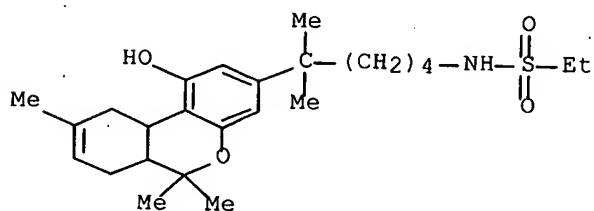SEARCH TIME: 00.00.01

L3   9 SEA SSS FUL L1

=> **D SCAN**

L3   9 ANSWERS   REGISTRY   COPYRIGHT 2006 ACS on STN
IN   Ethanesulfonamide, N-[5-methyl-5-(6a,7,10,10a-tetrahydro-1-hydroxy-6,6,9-
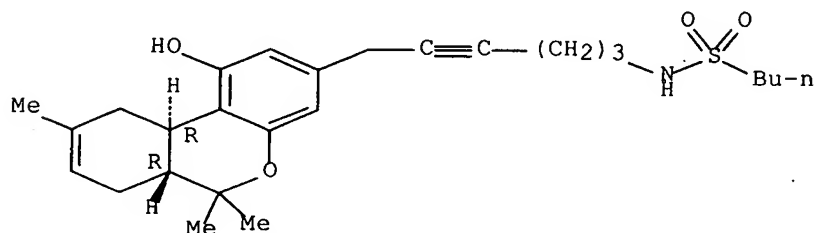   trimethyl-6H-dibenzo[b,d]pyran-3-yl)hexyl]- (9CI)
MF   C25 H39 N O4 S

```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3    9 ANSWERS    REGISTRY   COPYRIGHT 2006 ACS on STN
IN   1-Butanesulfonamide, N-[6-[(6aR,10aR)-6a,7,10,10a-tetrahydro-1-hydroxy-
     6,6,9-trimethyl-6H-dibenzo[b,d]pyran-3-yl]-4-hexynyl]-, rel- (9CI)
MF   C26 H37 N O4 S

Relative stereochemistry.
```



```
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0
```

=> FILE CAPL
FILE 'CAPLUS' ENTERED AT 20:43:30 ON 30 OCT 2006

=> S L3
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L4              1 L3
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=> D BIB HITSTR

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L4   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2006 ACS on STN
AN   2005:394839  CAPLUS  Full-text
DN   142:447119
TI   Preparation of tetrahydrocannabinolsulfonamides as a silent agonist of the
     CB1 cannabinoid receptor
IN   Martin, Billy R.; Razdan, Raj K.; Pertwee, Roger G.
PA   USA
SO   U.S. Pat. Appl. Publ., 16 pp.
     CODEN: USXXCO
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.            KIND   DATE       APPLICATION NO.        DATE
     ---------------       ----   --------   -------------------    --------
PI   US 2005096379         A1     20050505   US 2003-601757         20030624
PRAI US 2002-402048P       P      20020809
OS   CASREACT 142:447119
IT   851320-14-4P 851320-15-5P 851320-16-6P
     851320-17-7P 851320-18-8P 851320-19-9P
     851320-20-2P 851320-26-8P 851320-29-1P
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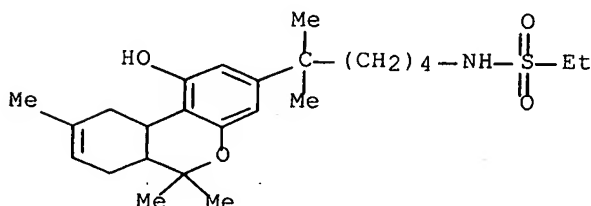
5

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
   (prepn. of sulfonamides as a silent agonist of the CB1 cannabinoid receptor)
RN   851320-14-4   CAPLUS
CN   Ethanesulfonamide, N-[5-methyl-5-(6a,7,10,10a-tetrahydro-1-hydroxy-6,6,9-trimethyl-6H-dibenzo[b,d]pyran-3-yl)hexyl]- (9CI)   (CA INDEX NAME)
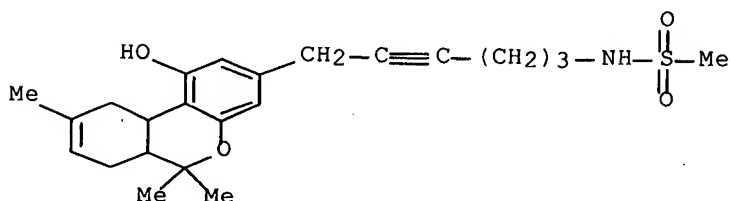

RN   851320-15-5   CAPLUS
CN   Benzenesulfonamide, N-[5-methyl-5-(6a,7,10,10a-tetrahydro-1-hydroxy-6,6,9-trimethyl-6H-dibenzo[b,d]pyran-3-yl)hexyl]- (9CI)   (CA INDEX NAME)
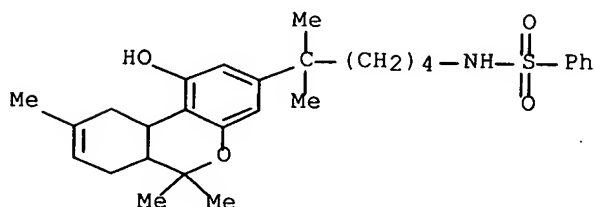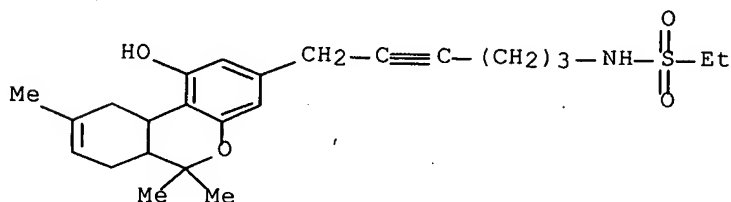

RN   851320-16-6   CAPLUS
CN   Methanesulfonamide, N-[6-(6a,7,10,10a-tetrahydro-1-hydroxy-6,6,9-trimethyl-6H-dibenzo[b,d]pyran-3-yl)-4-hexynyl]- (9CI)   (CA INDEX NAME)
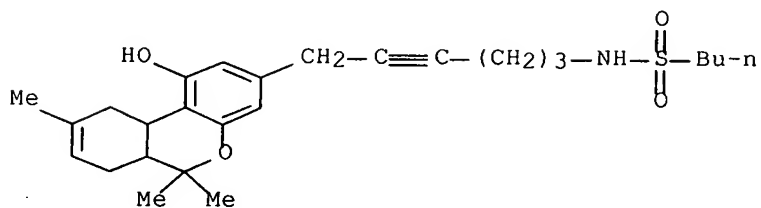

RN   851320-17-7   CAPLUS
CN   Ethanesulfonamide, N-[6-(6a,7,10,10a-tetrahydro-1-hydroxy-6,6,9-trimethyl-6H-dibenzo[b,d]pyran-3-yl)-4-hexynyl]- (9CI)   (CA INDEX NAME)

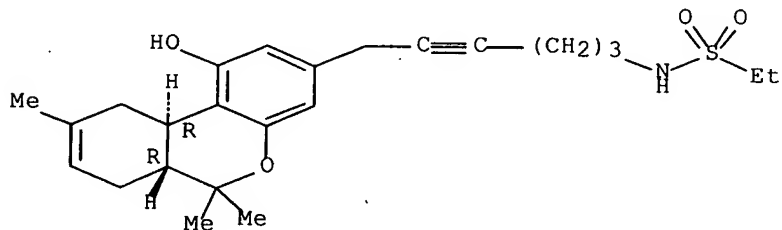RN   851320-18-8 CAPLUS
CN   1-Butanesulfonamide, N-[6-(6a,7,10,10a-tetrahydro-1-hydroxy-6,6,9-
      trimethyl-6H-dibenzo[b,d]pyran-3-yl)-4-hexynyl]- (9CI)   (CA INDEX NAME)

RN   851320-19-9   CAPLUS
CN   Ethanesulfonamide, N-[6-[(6aR,10aR)-6a,7,10,10a-tetrahydro-1-hydroxy-6,6,9-
      trimethyl-6H-dibenzo[b,d]pyran-3-yl]-4-hexynyl]-, rel- (9CI)   (CA INDEX
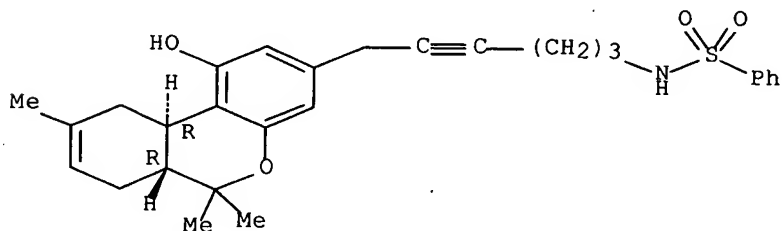   NAME)

Relative stereochemistry.

RN   851320-20-2   CAPLUS
CN   Benzenesulfonamide, N-[6-[(6aR,10aR)-6a,7,10,10a-tetrahydro-1-hydroxy-
      6,6,9-trimethyl-6H-dibenzo[b,d]pyran-3-yl]-4-hexynyl]-, rel- (9CI)   (CA
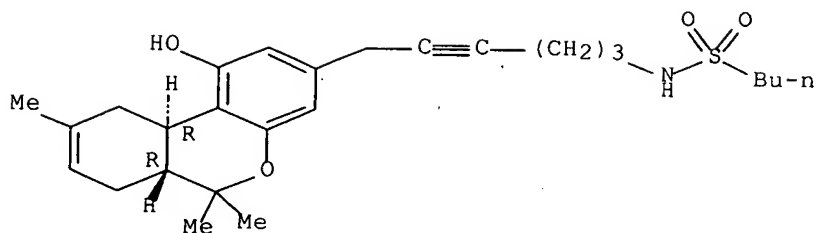   INDEX NAME)

Relative stereochemistry.

RN   851320-26-8   CAPLUS
CN   1-Butanesulfonamide, N-[6-[(6aR,10aR)-6a,7,10,10a-tetrahydro-1-hydroxy-
      6,6,9-trimethyl-6H-dibenzo[b,d]pyran-3-yl]-4-hexynyl]-, rel- (9CI)   (CA
      INDEX NAME)

Relative stereochemistry.

HO

Me

H

R

R

H

Me Me

C≡C—(CH2)3

O O
S
N
H
Bu-n

RN   851320-29-1   CAPLUS
CN   Methanesulfonamide, N-[6-[(6aR,10aR)-6a,7,10,10a-tetrahydro-1-hydroxy-
        6,6,9-trimethyl-6H-dibenzo[b,d]pyran-3-yl]-4-hexynyl]-, rel- (9CI)   (CA
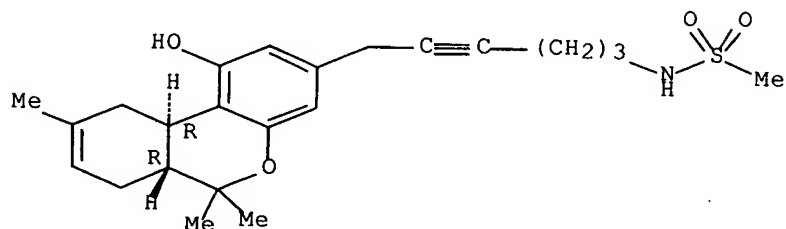   INDEX NAME)

Relative stereochemistry.

HO

Me

H

R

R

H

Me Me

C≡C—(CH2)3

O O
S
N
H
Me

=> D HIS

        (FILE 'HOME' ENTERED AT 20:39:06 ON 30 OCT 2006)

        FILE 'REGISTRY' ENTERED AT 20:39:35 ON 30 OCT 2006
L1   STRUCTURE UPLOADED
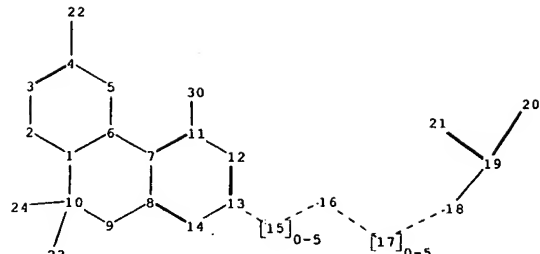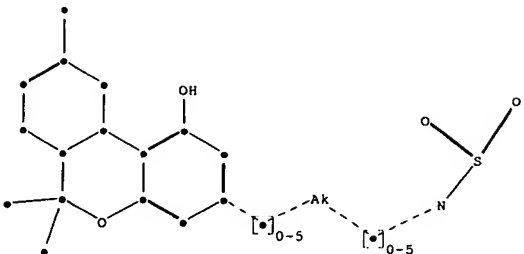L2   0 S L1
L3   9 S L1 FULL
        FILE 'CAPLUS' ENTERED AT 20:43:30 ON 30 OCT 2006
L4   1 S L3

in nodes :
15 16 17 18 19 20 21 22 23 24 30
 nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14
in bonds :
4-22 10-23 10-24 11-30 13-15 15-16 16-17 17-18 18-19 19-20 19-21
 bonds :
1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 7-11 8-9 8-14 9-10 11-12 12-13 13-14
ct/norm bonds :
1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 8-9 9-10 11-30 13-15 15-16 16-17 17-18 18-19 19-20 19-21
ct bonds :
4-22 10-23 10-24
nalized bonds :
7-8 7-11 8-14 11-12 12-13 13-14

ch level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom
15:CLASS16:CLASS17:CLASS18:CLASS19:CLASS20:CLASS21:CLASS22:CLASS23:CLASS24:CLASS30:CLASS
nent Count :
Node 16: Limited
   C,C1-2